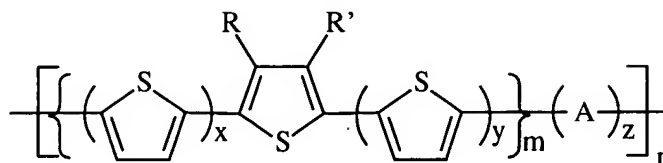


ABSTRACT

Polythiophenes of the formula



wherein R and R' are side chains; A is a divalent linkage; x and y represent the number of unsubstituted thienylene units; z is 0 or 1, and wherein the sum of x and y is greater than zero; m represents the number of segments; and n represents the degree of polymerization.

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